

LISTING OF THE CLAIMS

1. (currently amended) A video reproducing apparatus for reproducing a plurality of digital compressed video signals streams having different frame frequencies, comprising:

*a'* ~~frame frequency discriminating means for discriminating a frame frequency of an inputted digital video signal~~ a decoder for receiving the plurality of digital compressed video streams and for decoding frame frequency information contained in the digital compressed video streams; and

~~pixel number converting means a converter for replacing differences among said the frame frequencies by with differences among the numbers of horizontal pixels for said the plurality of digital compressed video signals streams having the different frame frequencies and performing a conversion of for converting the numbers of horizontal pixels so that said the plurality of digital compressed video signals streams having the different frame frequencies~~ can be processed by a common clock frequency,

wherein said converter sets the numbers of horizontal pixels of said pixel number converting means is properly set in accordance with an output of said decoder ~~frame frequency discriminating means~~.

2. (currently amended) An apparatus according to claim 1, wherein said ~~pixel number converting means~~ converter converts the number of horizontal pixels so that a ratio of the numbers of horizontal pixels of the said plurality of digital compressed video signals streams is set to a reciprocal ~~number~~ of a ratio of the frame frequencies of said the plurality of compressed digital video signals streams.

3. (currently amended) An apparatus according to claim 1, wherein said ~~frame frequency discriminating means~~ decoder

~~discriminates~~ decodes the frame frequency by extracting frame frequency discrimination information included in a ~~broadcasted~~ digital ~~video~~ television signal.

4. (currently amended) An apparatus according to claim 1, wherein said ~~pixel number converting means~~ converter sets the different numbers of horizontal pixels in a case where said ~~inputted~~ the digital compressed video stream signal is a standard video ~~signal stream~~ and a case where ~~it~~ the digital compressed video stream is a high definition video ~~signal stream~~, respectively.

Q 5. (currently amended) An apparatus according to claim 4, wherein the number of horizontal pixels which is set ~~into by~~ said ~~pixel number converting means~~ converter for ~~in case of the~~ standard video ~~signal stream~~ and the number of horizontal pixels which is set ~~into said pixel number converting means by said converter for in case of~~ the high definition video ~~signal stream~~ are selected ~~to proper values at the time of designing of said the video reproducing apparatus,~~ so that a clock frequency for ~~in case of processing the standard video signal stream and a clock frequency in case of~~ for processing the high definition video ~~signal stream~~ are set to near frequencies.

6. (Currently amended) A video reproducing method of reproducing a plurality of digital compressed video signals streams having different frame frequencies, ~~comprising the steps of:~~

~~discriminating the frame frequency of said digital video signal~~ receiving the plurality of digital compressed video streams;

decoding frame frequency information contained in the digital compressed video streams;

replacing differences among ~~said the~~ frame frequencies by with differences among the numbers of horizontal pixels for ~~said the~~ plurality of digital compressed video streams ~~signals having the different frame frequencies and performing a conversion of~~ converting the number of horizontal pixels so that ~~said the~~ plurality of digital compressed video streams ~~signals having the different frame frequencies~~ can be processed by a common clock frequency; and

*Q'* ~~properly setting the number of horizontal pixels after completion of the conversion of the number of pixels in accordance with said discriminated the decoded frame frequency information.~~

7. (currently amended) A method according to claim 6, wherein the number of horizontal pixels is converted so that a ratio of the numbers of horizontal pixels of ~~said the~~ plurality of digital compressed video signals streams is set to a reciprocal ~~number of a ratio of the frame frequencies of said the~~ plurality of digital compressed video signals streams.

8. (currently amended) A method according to claim 6, wherein the frame frequency is ~~discriminated~~ decoded by extracting frame frequency discrimination information included in a ~~broadcasted~~ digital video television signal stream.

9. (currently amended) A method according to claim 6, wherein ~~the different~~ numbers of horizontal pixels are set after completion of said pixel number conversion ~~is set to the different numbers of horizontal pixels in a case where the said inputted digital compressed video signal stream is a standard video signal stream and a case where it the digital compressed video stream is a high definition video signal stream,~~ respectively.

10. (currently amended) A method according to claim 9, wherein the number of horizontal pixels which is set ~~in case of~~ for the standard video ~~signal stream~~ and the number of horizontal pixels which is set ~~in case of~~ for the high definition video ~~signal stream~~ are selected so that a clock frequency ~~in case of~~ for processing the standard video signal and a clock frequency ~~in case of~~ for processing the high definition video signal are set to near frequencies.

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